

KNIPPER, Andrey L'vovich; SHTREYS, N.A., otv.red.; PEYVE, A.V., glavnyy red.;
MARKOV, M.S., red.; MENNER, V.V., red.; TIMOFEEV, P.P., red.; AN-
DREYEV, Yu.K., red.izd-va; RYLINA, Yu.V., tekhn.red.

[Tectonics of the Baikunur synclitorium (central Kazakhstan).]
Tektonika Baikunurskogo sinklinoriia (TSentral'nyi Kazakhstan).
Moskva, 1963. 202 p. (Akademiia nauk SSSR. Geologicheskii insti-
tut. Trudy, no.90). (MIRA 17:2)

1. Chlen-korrespondent AN SSSR (for Peyve).

NAGIBINA, Marina Sergeyevna; FLORENSOV, N.A., otv.red.; PEYVE, A.V., glavnyy red.; MARKOV, M.S., red.; MENNER, V.V., red.; TIMOFEYEV, P.P., red.; ARSEN'YEV, A.A., red.izd-va; RYLINA, Yu.V., tekhn.red.

[Tectonics and igneous activity of the Mongolian-Okhotsk belt.]
Tektonika i magmatizm Mongolo-Okhotskogo poiasa. Moskva, 1963.
463 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 79).
(MIRA 17:2)

1. Chleny-korrespondenty AN SSSR (for Florensov, Peyve).

BURTMAN, V.S., PEYVE, A.C., RICHMOND, E.C.

Study OK no. 90-211-10-100.

MASLOV, Vladimir Petrovich; GOLLERBAKH, M.M., *otv. red.*; VAKHRAMEYEV, V. A., *otv. red.*; PEYVE, A.V., *glavnyy red.*; MARKOV, M.S., *red.*; MENNER, V.V., *red.*; TIMOFEEYEV, P.P., *red.*; VANYUKOVA, O.M., *red. izd-va*; CUS'KOVA, O.M., *tekhn. red.*

[Introduction to the study of fossil charophytes.] *Vvednie v izuchenie iskopaemykh kharovykh vodoroslei.* Moskva, Izd-vo Akad. nauk SSSR, 1963. 103 p. (Akademiia nauk SSSR. Geologicheskii institut. *Trudy*, no. 82). (MIRA 16:11)

1. *Chlen-korrespondent AN SSSR* (for Peyve).

KHERASKOV, Nikolay Pavlovich; YANSHIN, A.L., akademik, otv.red.; PEYVE, A.V., glavnyy red.; MARKOV, M.S., red.; MENNER, V.V., red.; TIMOFEYEV, P.P., red.

[Some general characteristics of the structure and development of the earth's crust] Nekotorye obshchie zakonomernosti v stroenii i razvitii struktury zemnoi kory. Moskva, 1963. 116 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no.91). (MIRA 17:4)

1. Chlen-korrespondent AN SSSR (for Peyve).

GURARIY, G.Z.; SOLOV'YEVA, I.A.; KROPOTKIN, P.N., otv.red.; PEYVE, A.V.,
glavnyy red.; MARKOV, M.S., red.; MENNER, V.V., red.;
TIMOFEYEV, P.P., red.

[Crustal structure according to geophysical data] Stroenie zemnoi
kory po geofizicheskim dannym. Moskva, 1963. 125 p. (Akademiia
nauk SSSR. Geologicheskii institut. Trudy, no.98). (MIRA 17:4)

1. Chlen-korrespondent AN SSSR (for Peyve).

SELYAYEVSKIY, N.A., ed.; LENTEL, A.M., ed.; LENTEL, A.M.,
 Yu.M., ed.; BELITSKIY, N.A., ed.; BOGDANOV, A.A., ed.;
 GABRIELIY, R.G., ed.; GUSIN, I.Ye., ed.; KASHCHEN, I.A.,
 ed.; SHKRELS, N.A., ed.; MAZAROVICH, O.A., ed.; MUKALOV, M.V.,
 ed.; NIKOLAYEV, N.I., ed.; FAVLOVSKIY, Ye.V., ed.; PEYVE,
 A.V., ed.; PETRUNIEVSKIY, B.A., ed.; PUSHCHAROVSKIY, Yu.M.,
 ed.; YANUSHIN, A.L., ed.

[Tectonics, igneous activity and distribution of ore deposits;
 materials] Tektonika, magmatizm i zakononernosti razmeshche-
 niia rudnykh mestorozhdenii; materialy. Moskva, Nauka, 1962.
 237 p. MIRA 17:8

1. Soveshchaniye po problemam tektoniki, Moscow, 1962.

PEYVE, A.V., otv. red.; BUCHANAN, V.V., red.; GABITSKIY, K.G.,
red.; LEYTEN, A.A., red.; PAVLOVSKIY, Ye.N., red.;
YANSEIN, A.L., red.

[Deformation of rocks and tectonics. Deformatsia porod i
tektonika. Moskva, Nauka, 1962. 272 p. (Doklady sovetskikh
geologov. Problema 2.) (MIRA 17:10)

1. Natsional'nyy komitet geologov Sovetskogo Soyuza.

KRASILOVA, Irina, Nikolayevna; KELLER, B.M., otv.red.; PEYVE, A.V., glavnyy red.; MARKOV, M.S., red.; MENNER, V.V., red.; TIMOFEYEV, P.F., red.; MIRAKOVA, L.V., red.izd-va, GUSKOVA, G.M., tekhn.red.

[Stratigraphy and Upper Silurian and Lower Devonian pelecypods of the northwestern Lake Balkhash region.] Stratigrafiia i peletsipody verkhov silura i nizhnego devona Severo-Vostochnogo Pribalkhash'ia. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 75). '63. (MIRA 17:2)

1. Chlen-korrespondent AN SSSR (for Peyve).

BELOUSOV, V.V., red.; BELYAYEVSKIY, N.A., red.; BOGDANOV, A.A., red.; GALETSKIY, A.G., red.; GUSEIN, I.Ye., red.; K
KLOPOTNIK, F.N., red.; LEYTES, A.M., red.; MAZAROVICH, O.A., red.; MURATOV, M.V., red.; NIKOLAYEV, N.I., red.; PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY, B.A., red.; RUSPOCHAROVSKIY, Yu.M., red.; SHEYNMANN, Yu.M., red.; SHTREYS, N.A., red.; YANSHIN, A.L., red.

[Problems of the comparative tectonics of ancient platforms; materials] Voprosy sravnitel'noi tektoniki drevnikh platrofm; materialy. Moskva, Nauka, 1964. 152 p. (MirA 17:8)

BURTMAN, V.B.; LUK'YANOV, A.V.; LEVY, A.V.; PUCHENTSEV, S.V.

Horizontal displacements along faults and certain methods
of studying them. Trudy GIN no. 20:5-13 '63.

(MIRA 17:6)

PAVLOVSKIY, Yevgeniy Vladimirovich; YESKIN, Andrey Stepanovich; SHTREYS,
N.A. otv. red.; PEYVE, A.V., glavnyy red.; KUZNETSOVA, K.I., red.;
MENNER, V.V., red.; TIMOFEYEV, P.P., red.

[Characteristics of the composition and structure of the
Archean of the Lake Baikal region]. Osobennosti sostava i
struktury Arkheia Pribaikal'ia. Moskva, Izd-vo "Nauka", 1964.
125 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy,
no.110).

(MIRA 17:7)

1. AN SSSR (for Peyve).

MIKHAYLOV, N.P.; GUSTOMESOV, V.A.; PEYVE, A.V., glavnyy red.; MENNER,
V.V., otv. red., KUZNETSOVA, K.I., red.; TIMOFEYEV, P.P., red.

[Boreal Late Jurassic Cephalopoda.] Boreal'nye pozdneiurskie
golovonogie. Moskva, Nauka, 1964. 220 p. (Akademiia nauk
SSSR. Geologicheskii institut. Trudy, no.107).

(MIRA 17:10)

1. Chlen-korrespondent AN SSSR (for Peyve).

MURATOV, M.V., *otv. red.*; PUSHCHAROVSKIY, Yu.M., *red.*; KHAIN, V.Ye., *red.*; MAZAROVICH, O.A., *red.*; BELOUSOV, V.V., *red.*; BELYAYEVSKIY, N.A., *red.*; BOGDANOV, A.A., *red.*; GARETSKIY, R.G., *red.*; GUBIN, I.Ye., *red.*; KROPOTKIN, P.N., *red.*; LEYTES, A.M., *red.*; NIKOLAYEV, N.I., *red.*; PAVLOVSKIY, Ye.V., *red.*; PEYVE, A.V., *red.*; PETRUSHEVSKIY, B.A., *red.*; SHEYNMANN, Yu.M., *red.*; SHTREYS, N.A., *red.*; YANSHIN, A.L., *red.*

[Folded areas of Eurasia; materials] Skadchatye oblasti Evrazii; materialy. Moskva, Nauka, 1964. 375 p.

(MIRA 17:11)

1. Soveshchaniye po problemam tektoniki. Moscow, 1963.

RENGARTEN, V.P.; PEYVE, A.V., glavnyy red.; MARKOV, M.S., red.; MENDEL, P.P., red.; TIMOFEEV, P.P., red.

[Representatives of the family Ostreidae in the Cretaceous sediments of the Lesser Caucasus], Predstaviteli semeistva ustrichnykh v melovykh otlozheniyakh Malogo Kavkaza. Moskva, 1964. 87 p. (Akademiya nauk SSSR. Geologicheskii institut. Trudy, no. 90). (MIRA 12)

1. Chleny-korrespondenty AN SSSR (for Rengarten, Peyve).

KROPOTKIN, P.N., otv. red.; BELOUSOV, V.V., red.; BELYAYEVSKIY,
N.A., red.; BOGDANOV, A.A., red.; GARETSKIY, R.G., red.;
GUBIN, I.Ye., red.; LEYTEL, A.M., red.; MAZAROVICH, G.A.,
red.; MURATOV, M.V., red.; NIKOLAYEV, N.I., red.;
PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY,
B.A., red.; PUSHCHEVSKIY, Yu.M., red.; SHEYNMANN, Yu.I.,
red.; SITREYS, N.A., red.; YANSHIN, A.L., red.

[Structure and the development of the earth's crust;
materials] Stroenie i razvitie zemnoi kory; materialy. Mo-
skva, Nauka, 1964. 199 p. (MIRA 18:2)

1. Vsesoyuznoye soveshchaniye po problemam tektoniki. 2d,
Moscow, 1963.

RAVSKIY, E.I.; ALEKSANDROVA, L.P.; VANGENGEYM, E.A.; GERBOVA, V.G.;
GOLUBEVA, L.V.; PEYVE, A.V., glavnyy red.; NIKIFOROVA, K.V.,
otv. red.; KUZNETSOVA, V.V., red.; TIMOFEYEV, P.P., red.

[Quaternary sediments in the south of Eastern Siberia.]
Antropogennyye otlozheniya iuga Vostochnoi Sibiri. Moskva,
Nauka 1964. 279p. (Akademiya nauk SSSR. Geologicheskii
institut. Trudy, no.105) (MIRA 17:1C)

GOROKHIV, S.S.; RAABEN, M.Ye.; otv. red.; PEYVE, A.V., akademik, glavnyy red.;
KONNETOVA, K.I., red.; MENNER, V.V., red.; TIMOFEYEV, P.F., red.

[Riphoan of the Uraltau Range.] Rifai khrebtu Ural-Tau. Moskva
Nauka, 1964, 135 p. (Akademiia nauk SSSR. Geologicheskii institut.
Trudy, no.124). (MIRA 18:3)

CHUGAYEVA, M.N.; ROZMAN, Kh.S.; IVANOVA, V.A.; PEYVE, A.V., glavnyy red.;
KELLER, B.M., otv. red.; KUZNETSOVA, K.I., red.; MENNER, V.V.,
red.; TIMOFEYEV, P.P., red.

[Comparative biostratigraphy of Ordovician sediments in the
northeastern U.S.S.R.] Stravnitel'naya biostratigrafiya
ordovskikh otlozhenii Severo-Vostoka SSSR. Moskva, Nauka,
1964. 235p. illus. (Akademiya nauk SSSR. Geologicheskii
institut. Trudy, no.106).

(MIRA 17:12)

1. Chlen-korrespondent AN SSSR (for Peyve).

TIMOFEEV, P.P.; KINCHOVA, I.A., ed.; OLIV, G.D., ed.; RYBE, A.Y., ed.;
red.; MARKOV, M.S., red.; MENNER, V.V., red.; TIMOFEEV, P.P., ed.

[Jurassic coal-bearing formation of the Tuva intermontane
depression.] Iurskaia uglenosnaia formatsiia Tuvinskogo
mezhgornogo progiba. Moskva, Nauka, 1964. 260p. (Akademiia
nauk SSSR Geologicheskii institut. Trudy, no.94).

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AUTHORS: Vinogradov, A. P. (Academician); Gerasimov, I. P. (Academician); Yanshin, A. L. (Academician); Shcherbakov, D. I. (Academician); Pavys, A. V. (Academician); Sadovskiy, M. A. (Corresponding member AN SSSR); Akhmedsain, U. M. (Academician AN KazSSR); Zaytsev, L. P. (Candidate of physico-mathematical sciences); Ovchinnikov, I. M.

TITLE: Development of earth sciences in Central Asia and in Kazakhstan (Results of a field trip of the Department of Earth Sciences)

SOURCE: AN SSSR. Vestnik, no. 3, 1965, 128-150

TOPIC TAGS: geoactivity, geochemistry, geochronological problem, geochronology, geodesy, geography, geological survey, geology, geomagnetism, geophysical prospecting, geophysical research, geophysics

ABSTRACT: The Presidium of the Academy of Sciences, SSSR heard the report of academician A. P. Vinogradov, secretary of the Department of Earth Sciences, at the session held on January 15. The speaker presented the results of the department's trip (Oct. 1-11, 1964), organized by the Academies of Sciences of Kazakhstan, Kirghiziya, Tadzhikistan, Turkmenistan, and Uzbekistan, and the

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State Geological Committee SSSR. Establishing direct relations with the above academies was the immediate goal of the trip. The symposium on seismology (held in Tashkent) was reported on by M. A. Sadovskiy. The problems in this field were divided into three groups: 1) internal structure of the earth's crust and sedimentary mantle revealed by data obtained by different branches of the geoscience; 2) relation among different earthquake sources; 3) protection of the population and national economy from earthquake damage. It was recommended that a special service dealing with the earthquake forecasts be organized. Achievements of the symposium on hydrology were reported by U. M. Akhmedsafin. B. I. Kudelin (Moscow University) presented a paper on the drainage and renewal of ground water. U. M. Akhmedsafin spoke on the study of artesian basins in Kazakhstan. N. A. Kenesarin (Uzbek Institute of Hydrology and Engineering Geology) discussed the principal problems of theoretical hydrology. Zh. S. Sadykov (Academy of Sciences, Kazakh SSR) spoke on the seepage effect of underground brines and its meaning in the interpretation of ore-formation processes. G. A. Mavlyanov presented an engineering-geological map of the arid Uzbekistan. V. G. Gafurov discussed irrigation principles and the forecast of hydrogeodynamic processes taking place in the irrigated areas. A. L. Yanashin spoke on utilization of artesian waters. N. A. Tsylovich recommended the organization of a specialized service for the problems of ground waters. The geographical problems in

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Central Asia were discussed at three interrelated geographic symposia held in Tashkent, Ashkhabad, and at Alma-Ata. The first dealt with the geographical aspects of irrigation in Central Asia; the second with the problems of desert conquest and the building of the Kara Kum canal; the third with the regulation of glacier melting in the mountains of Central Asia. Of special interest was the discussion of the future fate of the Aral Sea. Two opposite opinions were presented: V. L. Shul'ts stated that increased use of river waters for irrigation will cause a complete drying up of the sea. L. V. Dunin-Barkovskiy drew attention to the recent rise of the water level in the sea, explaining it by the peculiarities of water transpiration by different types of vegetation. F. F. Davitay, however, explained the paradox by the water supply at the river sources at the Pamir-Altai and Tyan'-Shan' divide. The results of the three sessions were summarized by Academician I. P. Gerasimov. Academician A. L. Yanshin reported on the main session of the Earth Sciences Department in Alma-Ata. R. A. Borukayev, A. K. Kayupov, G. F. Lyapichev, and L. A. Miroshnichenko reported on the structural and metallogenic mapping of eastern Kazakhstan. G. B. Zhilinskiy discussed problems in theoretical and experimental mineralogy. A. K. Kayupov spoke on the relation of endogene metallogeny to the deep structure of the crust. I. P. Novokhatskiy reported on iron and manganese deposits in Kazakhstan. Zh. S. Sadykov made a quantitative evaluation of artesian waters in the artesian basins,

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solian sands, and deltaic deposits of this region. M. I. Varentsov described oil prospects in southeastern Kazakhstan. This topic was discussed in greater detail in the paper by P. Ya. Avrov, M. I. Varentsov, V. I. Ditmar and A. B. Li. Geophysical research in Kazakhstan was described by A. T. Andreyev, M. D. Morozov, V. V. Prodanov, and V. I. Gol'dshmit. The session on the problems of ore genesis was held in Frunze, and its results were reported by Academician D. I. Shcherbakov. F. N. Shakhov and A. I. Tugarinov discussed the application of new precise methods in geology. V. T. Surgay reported on his study of regional geochemistry in the accumulation and localization of mercury ore. M. N. Al'tgauzen criticized the paper of F. I. Vol'fson on the theory of formation and distribution of endogene ore deposits. V. I. Knauf and Ye. I. Zubtsov presented a structural map of northern Kirghiziya. A. B. Ronov spoke on the origin of ores in sedimentary and extrusive rocks of Tyan'-Shan'. A. U. Abdullayev formulated principal conditions for bauxite formation. G. I. Davydov discussed the polymetallic region of Moldo-tan. A. Dzhumaliyev spoke on the structure of ores in Dzhergalan. Academician A. V. Peyve reported the results of the Dushanbe session at which Academician D. S. Korzhinskiy discussed post-magmatic processes. Yu. V. Riznichenko spoke on seismic activity and the energy of earthquakes. R. B. Baratov and S. A. Zakharov indicated the possible connection between geochemical processes and folding. Zakharov spoke on seismic phenomena. V. N. Gaiskiy discussed problems

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related to the study of seismic processes. The session in Ashkhabad was reported by L. P. Zaitsev, candidate of physico-mathematical sciences. It started with the paper of M. A. Sadvoskiy who described the problems of earthquakes forecasting. K. K. Mashrykov and A. A. Dzabiyev presented new information on the deep structure of Western Turkmenistan. L. N. Smirnov described the general structural history of the Alpien-Himalayan mobile belt and the adjacent transition zone. I. M. Ovchinnikov reported to the Presidium the results of the Tashkent session at which V. V. Belousov presented the paper "Earth crust and the upper mantle of continents." A. S. Uklonakiy discussed the origin of natural sulfur. A. A. Malakhov described the metallogenic peculiarities and types of the Uzbek ores. N. B. Vol'fson, V. G. Gar'kovets, and A. G. Khvalovakiy analyzed the application of geochemical and geophysical methods to exploration. The Presidium of the Academy of Sciences USSR approved the work of the Department of Earth Sciences, presented its resolutions, and expressed its gratitude to Academician A. P. Vinogradov, the secretary of the Department, and to the members of the organization committee.

ASSOCIATION: none

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NO REF SOV: 000
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OTHER: 000

SUB CODE: ES

ZHURAVLEVA, Z.A.; SEMINBATOV, M.A., otv. red.; POKYEL, A.V., otv. red.;
KUZNETSOVA, K.I., red.; MENDEL, V.V., red.; TIMOFEEV, P.I., red.

[Riphean and Lower Cambrian Correlations and Stratigraphy of Siberia
and their stratigraphic importance.] Otkrytiya i kartaografiya nizhnego
kambrilia Sibiri i ikh stratigraficheskoe znachenie. Moscow:
Nauka, 1964. 22 p. illus. (Akademiya nauk SSSR. Geologicheskii in-
stitut. Trudy, no.114). (MIRA 1964)

1. Chief-correspondent: AN SSSR (for Poryel).

POSTEL'NIKOV, Ye.S.; ZATONSKIY, L.K.; AFREMOVA, R.A.; PEYVE, A.V., akademik
glavnyy red.; PISHCHAROVSKIY, Yu.M., otv.red.; KUZNETSOVA, E.I., red.;
MENNEL, V.V., red.; TIMOFEYEV, I.D., red.

[Tectonic development and structure of Indochina.] Tektonicheskoye
razvitiye i struktura Indokitaya. Moskva, Nauka, 1964. 164 p.
(Akademiya nauk SSSR. Geologicheskii institut. Trudy, no. 168.)
MIRA 1965

PEYVE, A.V.

Horizontal movements of the earth's crust and the principle of inheritance. Geotektonika no.1:30-37 Ja-F '65.

(MIRA 18:4)

1. Geologicheskii institut AN SSSR.

VINOGRADOV, A.P., akademik; SADOVSKIY, M.A.; AKHMEDSAFIN, U.M., akademik;
GERASIMOV, I.P., akademik; YANSHIN, A.L., akademik; SHCHERBAKOV,
D.I., akademik; PEYVE, A.V., akademik; ZAYTSEV, L.P., kand.fiz.-
matem.nauk; OVCHINNIKOV, I.M.

Development of earth sciences in Central Asia and Kazakhstan;
results of the out-of-town session of the Department of Earth
Sciences. Vest.AN SSSR 35 no.3:128-150 Mr '65.

(MIRA 18:4)

1. Chlen-korrespondent AN SSSR (for Sadovskiy). 2. AN Kazakhskoy
SSR (for Akhmedsafin).

SHATSKIY, Nikolay Sergeyovich, akademik; KHERASKOV, N.I., otv.
red.; SHCHERBAKOV, D.I., akademik, glav. red.; ~~LEVIN~~,
A.V., akademik, zam. glav. red.

[Selected works] Izbrannye trudy. Moskva, Nauka, Vol.3.
1965. 347 p. (MIRA 18:7)

BOTVINIKINA, Irubov' Nikolayevna; YABLONOV, V.S., sty. red.; PEYV, A.I.,
akademik, glavnyy red.; KUZNETSOVA, K.I., red.; WERNER, V.S., red.;
TIMOFEEV, P.P., red.

[Manual on the methods of studying bearing transactions:]
Metodicheskoe rukovodstvo po izucheniiu sloistosti. Moskva,
Nauka, 1965. 258 p. (Akademiya nauk SSSR. Geologicheskii
institut. Trudy, vol. 119) MIRA 18:

NALIVKE, D.V. [Nalyvkin, D.V.], glav. red.; BELYAYEVSKIY, N.A. [Beliaievs'kyi, N.A.], zam. glav. red.; TIKHOMIROV, V.V. [Tykhomyrov, V.V.], zam. glav. red.; ASSOVS'KIY, O.M. [Assovs'kyi, O.M.], red.; MEL'NIKOV, O.D. [Mel'nyk, O.D.], red. [deceased]; PEYVE, A.V. [Peive, O.V.], red.; VANDYSHYN, A.L. [IAnshyn, O.L.], red.; MALAKHOVSKIY, V.F. [Malakhov's'kyi, V.F.], red. vypuska; YURK, Yu.Yu., prof., red.; MESYATS', V.A. [Misiats', I.O.], red.; BASS, Yu.S. red.; MALAKHOVSKIY, V.F. [Malakhov's'kyi, V.F.], red.; NEKRASOV, G.I. [Nekrasov, G.I.], red.; SLAVUTSKIY, M.B. [Slavuts'kyi, M.B.], red.; E.I., red.

[Study of the geology of the U.S.S.R.] Geologicheskaya izmen-
nost' SSSR. Kiev, Naukova dumka. Vol.33. No.1. 1961. 120 p.

(B.L. 1961)

YAKOVLEV Nikolay Nikolavevich; PEYVE, A.V., akademik, glav. red.;
TIKHOMIROV, V.V., otv. red.; KUZNETSOVA, K.I., red.; MENNER,
V.V., red.; TIMOFEYEV, P.P., red.

[Reminiscences of a geologist-paleontologist] Vospominaniia
geologa-paleontologa. Moskva, Nauka, 1965. 85 p.
(MIRA 18:3)

GARETSKIY, R.G., otv. red.; YANSHIN, A.L. akademik, otv. red.;
BELOUSOV, V.V., red.; BELYAYEVSKIY, N.A., red.; BOGDANOV,
A.A., red.; GUBIN, I.Ye., red.; KROPOTKIN, P.N., red.;
LEYTES, A.M., red.; MAZAROVICH, O.A., red.; MURATOV, M.V.,
red.; NIKOLAYEV, N.I., red.; PAVLOVSKIY, Ye.V., red.; PEYVE,
A.V., red.; PETRUSHEVSKIY, B.A. red.; PUSHCHAROVSKIY, Yu.M.,
red.; SHEINMANN, Yu.M., red.; SHTREYS, N.A., red.

[Young platforms, their tectonics, and prospects for find-
ing oil and gas; materials] Molodye platformy, ikh tektonika
i perspektivy neftegazonosnosti; materialy. Moskva, Nauka,
1965. 223 p. (MIRA 18:3)

1. Soveshchaniye po problemam tektoniki, Moscow, 1963.

SHANTSER, Ye.V., otv. red.; PEYVE, A.V., akademik, glav. red.;
KUZNETSOVA, K.I., red.; PENNER, V.V., red.; TIMOFEYEV,
P.P., red.

[Genesis and lithology of continental Quaternary sediments]
Genezis i litologiya kontinental'nykh antropogenovykh otlo-
zhenii. Moskva, Nauka, 1965. 111 p. (MIRA 18:8)

1. Akademiya nauk SSSR. Geologicheskii institut.

PEYVE, A.V., akademik, glav. red.; NIKIFOROVA, K.V., otv. red.;
KUZNETSOVA, K.I., red.; MENNER, V.V., red.; TIMOFEEV,
P.P., red.

[Stratigraphic importance of the Quaternary fauna of small
mammals] Stratigraficheskoe znachenie antropogenovoi fauny
melkikh mlekopitaiushchikh. Moskva, Nauka, 1965. 270 n.
(MIRA 18:9)

1. Akademiya nauk SSSR. Geologicheskii institut.

MEMORANDUM FOR THE DIRECTOR, CIA
SUBJECT: [Illegible]

1. [Illegible]

2. [Illegible]

FERGAMENT, Mikhail Abramovich; MIKHAYLOV, N.P., otv. red.:
EYVE, A.V., akademik, glavnyy red.; KUZNETSOVA, K.I., red.:
MENNER, V.V., red.; TIMOFEEV, P.P., red.

[Inoceramus and Cretaceous stratigraphy of the Pacific area.]
Inotseramy i stratigrafiya mela Tikhookeanskoi oblasti.
Moskva, Nauka, 1965. 101 p. (Akademiya nauk SSSR. Geologicheskii institut. Trudy, no.118) (MIRA 1:9)

KOMAR, V.A.; RAABEN, M.Ye.; SEMIKHATOV, M.A.; MENNER, V.V., otv. red.:
FEYVE, A.V., akademik, glavnyy red.; KUZNETSOVA, K.I., red.:
TIMOFEEV, P.P., red.

[Conophytens in the Riphean of the U.S.S.R. and their stratigraphic importance.] Konofitony rifeia SSSR i ikh stratigraficheskoe znachenie. Moskva, Nauka, 1965. 71 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no.131) (MIRA 18:9)

RAUZER-CHERNOUSOVA, D.M.; MENNER, V.V., otv. red.; PEYVE, A.V., akademik,
glavnyy red.; KUZNETSOVA, K.I., red.; TIMOFEEV, P.P., red.

[Foraminifera in the stratotypical cross section of the
Sakmara stage (Sakmara River, Southern Urals).] Foraminifery
stratotipicheskogo razreza sakmarskogo iarusy (r. Sakmara,
Iuzhnyi Ural). Moskva, Nauka, 1965. 79 p. (Akademiya nauk SSSR.
Geologicheskii institut. Trudy, no.135) (MIRA 18:9)

NEYBURG, Mariya Fridrikhovna [deceased]; MENNER, V.V., otv. red.;
PEYVE, A.V., glavnyy red.; KUZNETSOVA, E.I., red.; TIMOFEEV,
P.P., red.

[Permian flora of the Pechora Basin. Part 2: Sphenopsida.]
Permskaya flora Pechorskogo basseina. Moskva, Nauka. Pt. 2.
[Sphenopsida] Chlenistostebel'nye. 1964. 137 p. (Akademiya
nauk SSSR. Geologicheskii institut. Trudy no.111)
(MIRA 18:8)

1. Chlen-korrespondent AN SSSR (for Peyve).

YAROSHENKO, Ol'ga Pavlovna; VAKHRAMEYEV, V.A., otv. red.; PFYVE, A.V., akademik, glavnyy red.; KUZNETSOVA, K.I., red.; MENNER, V.V., red.; TIMOFEEV, P.P., red.

[Spores and pollen complexes of Jurassic and Lower Cretaceous deposits of the Northern Caucasus and their stratigraphic importance.] Sporovo-pyl'tsevye komplekсы iurskikh i nizhnemelovykh otlozhenii Severnogo Kavkaza i ikh stratigraficheskoe znachenie. Moskva, Nauka, 1965. 107 p. illus. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no.117) (MIRA 18:11)

RENGARTEN, N.S.; KONSTANTINUKA, N.A.; NIKIFOROVA, K.V., otv. red.;
LEYBE, A.V., akademik, glavnyy red.; KUZNETSOVA, F.I., red.;
MOROS, V.I., red.; SHAFER, I.I., red.

[Role of facies-mineralogical analysis in the reconstruction
of the Quaternary climate; as revealed by a study made in
southern Bulgaria and the southwestern Ukraine.] In: I
fatsial'no-mineralogicheskogo analiza v razn - struktse
klimata at tro, orona. Moskva, Nauka, 1965. 120 p. (Akademiia
nauk SSSR. Geologicheskii institut. Trudy, no.13)
(MIRA 18:11)

LEBEDEV, Yevgeniy Iennidovich, VASKHAMBET, V.A., oliv. red., PLYUL, A.V.,
akademik, glavnyy red., LITVINOVA, K.I., red., MENNER, I.I., red.,
TIMOFFYEV, P.I., red.

[Late Jurassic flora of the Zeya River and the Jurassic-
Cretaceous boundary.] Pozdneiurskaia flora reki Zeya i
granitsa iury i mela. Moskva, Nauka 1965. 141 p. illus.
(Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 126
(MIRA 19:11))

MOSKVITIN, A.I.; SHANTSER, Ye.V., otv. red.; PEYVE, A.V., akademik,
glavnyy red.; KUZNETSOVA, K.I., red.; MENNER, V.V., red.;
TIMOFEEV, P.P., red.

- [Pleistocene in the European part of the U.S.S.R.; critical
review of published data.] Pleistotsen Evropeiskoi chasti
SSSR; kriticheskiy obzor literaturnykh dannykh. Moskva,
Nauka, 1965. 179 p. (Akademiya nauk SSSR. Geologicheskii
institut. Trudy, no. 123). (MIRA 12:12)

SHLEZINGER, A.Ye., YANSHIN, A.I., akademik, div. red., MEYVE, A.V.,
akademik, glavnyy red., KUPNETSOVA, K.I., red., MENNER,
V.V., red., TIMOFEEV, I.I., red.

(Structural position and the development of the Mangyshlak
dislocation system.) Strukturnoe polozenie i razvitiye
Mangyshlakskei sistema dislokatsii. Moskva, Nauka, 1965.
218p. (Akademiya nauk SSSR. Geologicheskii institut.
Trudy, no.134) [MFI 4-18-11]

CHUMAKOV, Ivan Iaroslavich, SPANIL'EV, Ye.V. otv. red., 1973, 1974,
akademik, glavnyy red. Vostochno-Sibirskiy nauchnyy tsentr
V. V., red., TIMOFEEV, I.I. red.

(Cenozoic of the Kuznetskiy Altai). Kainozoicheskii Altai.
Moskva, Nauka, 1965. 217 p. (Akademiya nauk SSSR, Geologicheskii
institut. Trudy, no. 138). (MFTS 18-11)

DEVYATKIN, Yevgeniy Viktorovich; NIKIFOROVA, K.V., otv. red.;
PEYVE, A.V., akademik, glavnyy red.; KUZNETSOVA, K.I., red.;
MENNER, V.V., red.; TIMOFEYEV, P.P., red.

[Cenozoic deposits and recent tectonics in the southeastern
Altai.] Kainozoiskie otlozheniya i neotektonika Iugo-
Vostochnogo Altaia. Moskva, Nauka, 1965. 242 p. (Akademiia
nauk SSSR. Geologicheskii institut. Trudy, no.126) (MIRA 18:2)

KROPOTKIN, Petr Nikolayevich; SHAKHVARSTOVA, Kseniya Aleksandrovna;
PAVLOVSKIY, Ye.V., otv. red.; PEYVE, A.V., akademik, glavnyy
red.; KUZNETSOVA, K.I., red.; MENNER, V.V., red.; TIMOFEYEV, P.P.,
red.

[Geological structure of the Pacific mobile belt.] Geologicheskoe stroenie Tikhookeanskogo podvizhnogo poyasa. Moskva, Nauka, 1965. 362 p. maps. (Akademiya nauk SSSR. Institut geologii. Trudy, no. 134. MIRA 1966 12)

KRASHENINNIKOV, V.A.; SOLOV'YEVA, M.N., otv. red.; PEYVE, A.V., akademik,
glavnyy red.; KUZNETSOVA, K.I., red.; MENNER, V.V., red.;
TIMOFEYEV, P.P., red.

[Zonal Paleogene stratigraphy of the eastern part of the
Mediterranean area.] Zonal'naya stratigrafiya paleogena
Vostochnogo Sredizemnomor'ia. Moskva, Nauka, 1965. 74 p.
(Akademiia nauk SSSR. Geologicheskii institut. Trudy, no.133)
(MIRA 18:8)

LIPINA, O.A. .; RAIZER-CHERNOUSOVA, D.M., otv. red.; PEYVE, A.V.,
akademik, glavnyy red.; KUZNETSOVA, K.I., red.; MENDEL, V.V.,
red.; TIMOFEEV, P.F., red.

[Taxonomy of Tournayellidae.] Sistematika turneyellid. Moskva,
Nauka, 1965. 114 p. (Akademiya nauk SSSR. Geologicheskii
institut. Trudy, no.130) (MIRA 1966)

VYSOTSKIY, Boris Petrovich; PEYVE, A.V., glav. red.; KUZNETSOVA,
K.I., red.; MENNER, V.V., red.; TIPOFEYEV, F.P., red.
LISITSYNA, N.A., red.

[Johannes Walther and his role in the progress of geology]
Iogannes Val'ter i ego rol' v razvitií geologii. Moskva,
Nauka, 1965. 174 p. (MIRA 18:1)

1. Chlen-korrespondent AN SSSR (for Peyve).

PEYVE, Ya. V.

"Linkopiba," Riga, 1948

PEYVE, Ya. V.

"Mikroelementu nes lojums lauksaimnieciba," Riga, 1949

PEYVE, Ya. V.

Peyve, Ya. V. and Ayzupiyete, I.P. - "On the cobalt content in the soils of the Latvian SSR," Izvestiya Akad. nauk Latv. SSR, 1949, No. 5, p. 19-28, (Resume in Latvian)

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

PEIVE, J.V.

Evaluating the fertilizer value of peat in the light of the theories of
Williams. Latvijas P.S.R. Zinātnu Akad. Vēstis '49, No.6, 17-36.
(Ca 47 no.21:11624 '53) (MLRA 4:1)

PEIYE, YA. V.

24108 PEIYE, YA. V. Parastroyka raboty latviyskoy sel'skokhozyaystvennoy nauki v
svetle resheniy sovetskoy nauki. VINITI, Moscow, 1978.
Izvestiya Akad. nauk Latv. SSR, 1978, No. 7, S. 24-30.

SC: Latvian, No. 7, 1978.

FRIVE, J.

An analytical scheme of determining acids of decomposition products of soil organic matter for practical purposes. Latvijas PSR Zinātņu Akad. Vēstis '50. No.7. 53-70. (MIRA 4:3)
(CA 47 no.20:10790 '53)

1. PEYVE, J., Prof.
2. USSR (600)
4. Stalin, Iosif, 1879-1953
7. Great Stalin plan for the transformation of nature and the grandiose construction projects of communism.
Latv. PSR Zin. Akad. Vestis No. 10, 1950
9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. PEIVE, ^JProf. J.
2. USSR (600)
4. Economic Conditions - Latvia
7. Scientific assistance to industry by the Academy of Sciences of the Latvian S.S.R. during 1950. Latv.PSR Zin.Akad.Vestis no. 12, 1950.

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

PEYVE, Ya.V. [Peive, J.]

V.I. Vernadskii and the study of the biological role of micro-
elements in the life of plants, animals, and man. Izv. AN
SSSR Ser. biol. 28 no.5:641-652 S-0'63 (MIRA 16:11)

1. Academy of Sciences of the Latvian S.S.R., Riga.

*

1. LEJINS, P. Ya. Prof.; PEYVE, YA. V., Prof.
2. USSR (600)
4. Academy of Sciences of the Latvian S. S. R.
7. Principal trends of scientific research work in the Academy of Sciences of the Latvian S. S. R. for 1951. Latv. Psr Zin Akad. Vestis 1 1951

9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

1. PEYVE, J. Prof.
2. USSR (600)
4. Academy of Sciences of the Latvian S. S. R.
7. Results of scientific research work of the Academy of Sciences of the Latvian S. S.R. for 1951. Latv. PSR Zin. Akad Vestis 2 1951

9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

1. PEYVE, J., Prof.
2. USSR (600)
4. Latvia - Language and Languages
7. Great works of Comrade I. V. Stalin in the field of linguistics and problems of scientists of the Latvian S.S.R. Latv.PSR Zin Akad Vestis. No 6 1951.
9. Monthly List of Russian Accessions. Library of Congress, April 1951.

1. DEWE, J.
2. WDR (600)
4. Academy of Sciences of the Latvian S. S. R.
7. Activities of the Academy of Sciences of the Latvian S. S. R. and its departments created by the Section of Biological and Agricultural Sciences. Latv. Pētn. Akad. Zin. 1961.

9. Monthly List of Russian Accessions. Library of Congress, April 1961. No. 1.

PEYVE, YA. V.

Agriculture

Achievements of the biological and agricultural sciences in socialist agricultural practice. Vest. AN SSSR 21 No. 12, 1951.

9. Monthly List of Russian Accessions. Library of Congress, May 1953? Incl.

PEYVE, Y.

U S S R.

Cobalt in the soils of Latvia S.S.R. and its significance in agriculture. J. Peive. *Mikroelementy i Zheni Rastenii i Zhivotnykh, Akad. Nauk S.S.S.R., Trudy Konf. Mikroelementy*. 1950, 468-72 (1952); cf. C.A. 47, 101618. The poorest Co-bearing soils of Latvia contain but 0.4-1.5 mg. per kg. and are generally located on the Baltic shores in the form of sandy, light soils. These areas are also endemic with Co deficiency in animals; to some extent this is true of the immediately adjacent areas. G. M. Kosolapoff

PEIVE, J., prezident Akademii nauk Latvieskoi SSR.

On what problems will the Academy of Sciences of the Latvian S.S.R. work in 1952. Latv.PSR Zin.Akad.Vēstis no.1:17-21 '52.

1. Akademiya nauk Latvyskoy SSR.

(Latvia - Learned institutions and societies)

USSR/Chemistry - Academy of Sciences Jan 52
Latvian SSR

"Recent Work by Scientists of Soviet Latvia," Ya. V. Peyve, Pres Acad Sci Latvian SSR

"Priroda" No 1, pp 88-90

Outstanding achievements in work done by the Dept of Biol and Agr Sci, the largest subdivision of Acad Sci Latvian SSR, include improvement of alfalfa seed yields by 10-30% (cutting of tops before flowering and trace-element fertilization), use of Cu fertilizers (burned pyrite from Riga Superphosphate Plant), role of Co (particularly in

211737

animal feeding: addition of Co to food increased wt of hogs by 20%), planting of kok-saghyz on Latvian peat soils, study of morphology of various bacteria as well as rabies and smallpox viruses with the aid of the electron microscope (work by A. M. Kirshenshteyn, Inst of Microbiol), effect of ascorbic acid on immunity, development of new technological processes for the synthesis of chemotherapeutic agents (A. I. Kalnin' Act Mem, Acad Sci Latvian SSR, and S. A. Giller, Corr Mem, Latvian SSR received Stalin Prizes for this work).

PEYVE, YA. V. , PRES.

211737

1. PEIVE, E. Yr. V.
2. USSR 600
4. Science - Latvia
7. Scientists for the national economy, Nauka i zhizn', 19, No. 12, 1952.
9. Monthly List of Russian Accessions. Library of Congress, April 1952.

PEYVE, Ya. V.

A compound device for soil analysis adopted for use by
(Collective Farm) laboratories. J. Peive: *Stornik Nauki*,
Izdatel'stvo Rabot. Inst. Pochven. i Zemled. Akad. Nauk
Nark. Latv. S.S.R. 1953, 3, 80-119; *Referat. Zhur. Biol.*
1955, No. 1872. — A device is described consisting of simple
techniques for the detn. of P by the method of Kirsanov, K.
free Al, and amino acids by the method of Peive, and pH in
soil exis.
B. S. Levine

1. ESTL, Acad. Ya.
2. USSR (600)
4. Research, Industrial - Latvia
7. In the family of Soviet peoples. Tekn. molod. No. 1, 1953.

9. Monthly List of Russian Accessions. Library of Congress, _____ 1953, No. 1.

PEYVE, Ya. V.

Chemical Abstracts
May 25, 1954
Soils and Fertilizers

③
The copper content in soils of the Latvian S.S.R. and methods of determining it. Ya. V. Peyve and N. N. Ivanova (Agr. and Soil Inst., Acad. Sci. Latv. S.S.R., Riga). *Pochvovedenie* 1953, No. 11, 3-13.—More than 300 areas in Latvya were sampled and the total and mobile Cu detd. The results are presented on a map by methods of crosshatching. The method for mobile (available) Cu was made on an ext. of a 1:5 soil:acid HCl (1.0N), kept for 24 hrs. The com. quinoline method of detg. Cu was used.
I. S. Indic

PEYVE, Ya.V., deystvitel'nyy chlen.

Microelements in agriculture. Priroda 42 no.11:11-22 N '53. (MLRA 6:11)

1. Akademiya nauk Latvyskoy SSR.

(Soil chemistry)

PEYVE, Ya. V.

U S S R .

✓ The application of microelements in agriculture on the
nonchernozem soils. Ya. V. Peive. *Agrichelagiya* 1954,
No. 3 (Whole No. 87), 137-51. -- A review is given of the
effectiveness of the following microelements in plant and
animal culture: B, Cu, Mn, Zn, and Mo. The role of
these elements in various crops, quantities in crops, and in
soils are discussed, as well as methods of introducing them.
P. includes a discussion on Co in reference to animal nutri-
tion. The animals responding to microelements under dis-
cussion are: sheep, cattle, hogs, and poultry. J. S. J.

PEYVE, [Ya. V.]

Utilization of local (Latvian) and mineral fertilizers for

Increasing agricultural yields. J. Peive. Latvian SSR
Zinātns Akad. Vēstis 1956, No. 6 (twice No. 82), 83-8
(in Russian).--Results are discussed of numerous field tests
conducted in a variety of locations with local Latvian ma-
nures, peats, and mineral fertilizers. Andrew Dravotks

PEYVE, J.

U S S R •

Transparent celluloid scales for agrochemical analyses of soils. J. Peyve, A. Sarova, and G. Rinkis. *Lateijas PSR Zinatnu Akad. Vests* 1954, No. 10 (Whole No. 87), 5-21 (in Russian; Latvian summary, 21-2).—Transparent scales were prepd. from celluloid films, such as are used in x-ray photography, by painting films with suitably mixed colored India inks, so as to match colorations obtained in colorimetric detns. of soil characteristics. The scales performed satisfactorily in detns. of acidity, available P, α -humates, β -humates, apocrenic acids, and compts. of humus groups. Andrew Dravnieks.

Pe yve, Ya. V.

USSR/ Scientific Organization - Latvia

Card 1/1 Pub. 124 - 10/45

Authors : Pe yve, Ya. V., President of Acad. of Sc. Latv. SSR

Title : The scientists of Latvia in the struggle for technical progress

Periodical : Vest. AN SSSR 2, 53-59, Feb 1955

Abstract : The basic problems facing the scientists of Soviet Latvia in their struggle for continuous technical progress in agriculture and industry were outlined in a special resolution adopted by the presidium of the Academy of Sciences Latv-USR.

Institution :

Submitted :

PEYVE, Y.

The use of transparent nitrocellulose strips in agrochemical analyses of soils. I. Priz, A. Sarova, and G. Rinkis (Inst. Soil Sci. and Agr., Acad. Sci. Latv. S.S.R., Riga). *Pochvennaya* 1955, No. 10, 66-70. — In place of colorimeters, photometers, colored paper strips, or test tubes with colored liquids, the authors have used transparent strips of x-ray film plates from which the emulsion was removed and various colored India ink applied. In this manner the matching of colors was obtained in detg. P, acidity, org. fractions, Zn, Cu, and other elements which lend themselves to colorimetric analyses. Detailed descriptions of the method of prep. the 2 by 5.5-cm. strips and data obtained are given and discussed. J. S. Joffe

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(2)

PEYVE, Y.

The role of microelements in plant and animal nutrition
J. Pelva. *Biokhimiya* 20, 255-71(1955).—An historical
and didactic account of work done on this subject in the
U.S.S.R.
B. S. Levine

PEYVE, YA. V.,

USSR/Agriculture - Conferences

Seri 1/1 **Pub. 124 - 21/32**

Authors : **Peyve, Ya. V., Memb. Corresp., Acad. of Sc., USSR**

Title : **Microelements in practice of socialistic agriculture**

Periodical : **Vest. AN SSSR 25/6, 95-99, June 1955**

Abstract : **Minutes are presented from the All-Union scientific conference held in March 1955 in Riga, Latvia, under the auspices of the Biological Institution of the Academy of Sciences, USSR and Latv. SSR. The main topic under discussion at the conference was: the value of microelements in the improvement of agricultural yields and productivity of animal breeding.**

Institution : **.....**

Submitted : **.....**

PEYVE, Ya.V.

Trace elements in agriculture. Priroda 44 no.9:52-55 S'55.
(MIRA 8:11)

1. Chlen-korrespondent Akademii nauk SSSR
(Trace elements)

PEYVE, Yan Vol'demarovich, akademik; KATSNEL'SON, S.M., redaktor; FURMAN,
G.V., tekhnicheskiy redaktor

[Trace elements in the service of agriculture] Mikroelementy - na
sluzhbu sel'skomu khoziaistvu. Moskva, Izd-vo "Znanie," 1956. 31 p.
(Vsesoiuznoe obshchestvo po rasprostraneniю politicheskikh i
nauchnykh znaniy. Ser. 5, no.30) (MLBA 9:11)

1. Akademiya nauk Latvyskoy SSR. (for Peyve)
(Trace elements)

USSR/Soil Cultivation. Mineral Fertilizers.

J-3

Abs Jour: Ref. Zhur-Biologiya, No 1, 1958, 1248.

Author : Peyve. Ya. V.

Inst : Acad. Sci LatSSR, Institute of Soil Science and Land Husbandry.

Title : On the Question of Regionalizing the Application of Cobalt and Copper Salt in Agriculture,

Orig Pub: Sb.: Mikroelementy v s. kh. i meditsine, Riga, Akad Nauk LatSSR, 1956, 89-95.

Abstract: As a result of the study of the content of free forms of Co and Cu in the soils of the Latvian SSR, conducted by the Institute of Soil Science and Land Husbandry of the Academy of Sciences LatSSR, maps have been compiled showing the distribution of these elements in the soils of the Latvian Republic; they indicate that the sandy soils of the Baltic coast

Card : 1/3

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CONCERNED IN THE SOILS OF THE
(burozems) of Zemgaliya in which, however, only 20% of the Cu is in a free form. The peat-clay soils are less well supplied

APPROVED FOR RELEASE: 06/15/2000-18- CIA-RDP86-00513R001240720009-6"

Card

2/3

USSR/Cultivated Plants - Potatoes, Vegetables, Melons.

J-5

Abs Jour : Ref. Zhur - Biol., No 1, 1958, 19382

Author : Peyve, Ya.V., Kravtsov, A.Ya.

Inst : Institute of Soil Science and Agriculture, AS LatvSSR

Title : Introduction of Trace Elements into the Composition of Peat-Humus Blocks.

Orig Pub : Vopr. Mikroelementy v s.-kh. i meditsine, Riga, Akad. Nauk LatvSSR, 1956, 425-428.

Abstract : The effectiveness of the action of $\text{Na}_2\text{B}_4\text{O}_7$, ZnSO_4 , pyrite cinders, and K_2CO_3 on the growth, quality of seedlings, and yield of cabbage and potatoes was studied. The above mentioned elements were introduced into the composition of peat-humus blocks. The experiments were conducted in hot-houses, hot-beds, and fields in the Latvian SSR. The introduction of 1.5 g of $\text{Na}_2\text{B}_4\text{O}_7$ in 1 m³ of peat-humus

Card 1/2

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APPROVED FOR RELEASE: 06/15/2000

J-2

USSR/Soil Cultivation. Physical and Chemical Properties of Soils. CIA-RDP86-00513R001240720009-6"

Abs Jour: Ref. Zhur-Biologiya, No 1, 1958, 1225.

Author : Peyve, Ya. V., Ivanova, N.N.

Inst : Acad Sci LatvSSR

Title : The Zinc Content of the Soils of the Latvian SSR

Orig Pub: Mikroelementy v s.-kh. i meditsine, Riga, Akad. Nauk LatvSSR, 1956, 479-484.

Abstract: The content of total and metabolized Zn in the various soils of the republic varies respectively between 21.6 and 43.7 mg. and between 0.5 and 26.0 mg. per kilogram of soil. The greatest quantity of free zinc is concentrated in the upper humus horizons. In turf-peat-podzol and podzol soils the A₂ horizon contains the smallest quantity of Zn. The results of mapping the soils according to the mobile Zn content of the humus horizon are discussed briefly. The following five groups of soils are portrayed schematically: I -- turf-peat-carbonate: up to 1.0 mg.

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Card : 1/2

PEYVE, Ya. V.

"Pedological and Agronomical Studies with a View to Differentiating Between Fertilizer Applications," a paper presented at the 6th International Soil Science Congress, Paris, 28 Aug to 8 Sep 56.

In Library Branch #5

PEYVE, Y V

PA - 2525

AUTHOR
TITLE

PEIVE J.W. President of the Academy of Science of the USSR.
The Scientific Research Work of the Academy of Science of
the Latvian SSR in 1956.
("Nautscho-issledowateljnaja Rabota Akademii nauk latwijskoj
SSR w 1956 godu".- Russian)
Latvijas PSR Zinatnu Akad. Westis 1956, Vol 1, 2 (115),
pp 5 - 29 (U.S.S.R.)

PERIODICAL

Reviewed: 6 / 1957

Received: 5 / 1957

For the purpose of intensifying scientific research work the
Academy was reorganized. New laboratories were installed in
the Institutes for Chemistry, Physics, and Energetics. The
Institute of Energetics plans to concentrate research work
on the development of energetic systems. In the laboratory
for machine technology 5 themes were worked out. The institute
for Physics elaborated methods for the investigation and use
of radioactive isotopes in economy. Successful research work
was carried out within the field of detectors and radioactive
radiation. The work begun concerning the use of radioactive
isotopes in industry and economy were successfully continued.
Within the field of chemistry a new class of organic compounds
was produced: laktones and laktames of nitrous acid. Research

CARD 1/

Payve Vol. 1

USSR/General Division - Scientific Institutions.

A-3

Abs Jour : Ref Zhur - Biologiya, No ., 1957, 67.

Author : Ya.V. Payve

Inst : Academy of Sciences Latvian SSR

Title : Ten Years of the Academy of Sciences Latvian SSR.

Orig Pub : Izv. AN Latv SSR, 1956, No 2, 5-15; v kn: ten let raboty
AN Latr SSR (1946-1956), Riga, Izd-vo AN Latv SSR, 1956,
3-15.

Abst : Certain data on the founding of the academy (Feb. 1946)
are given and the main scientific achievements of the
16 institutes of the academy are enumerated.

Card 1/1

PEIVE, YA. V.

Category: USSR/General Division. Congresses. Meetings. Conferences. A-4

Abs Jour: Referat Zh.-Biol., No 6. 25 March 1957 21352

Author : Peive, Ya. V.

Inst : Not given

Title : Summary of the International Congress Study in Belgrade
on trace elements.

Orig Pub: Udobrenie i urozhai, 1956. No 8. 58-61

Abstract: In the congress held in April 1956, scientists of almost all European countries participated. Seventeen reports were read, of which 5 were presented by USSR scientists and were devoted to the problem of utilization of trace elements (TE) in USSR agricultural industry, their content in Latvian SSR soils (Ya. V. Peive), the significance of manganese fertilizers in plant nutrition, the study of a new form of fertilizer, a man-ganized superphosphate (P.A. Vlasyuk), and the problem of above-root added plant nutrient by boron and molybdenum (V.V.

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Category: USSR/General Division. Congresses. Meetings. Conferences. A-4

Abs Jour: Referat Zh.-Biol., No 6, 25 March 1957, 21352

Yakovleva). A survey report: "Trace elements, diagnosis and therapy" was read by S. Nikolich (Jugoslavia), who remarked that at present the TE balance in agriculture becomes negative and that these chemical substances should be systematically added to the soil. The speaker also pointed out the necessity of harmonious interrelationship of macro and trace elements. The utilization of acid and alkaline nitrogenous fertilizers leads correspondingly to an insufficiency of Mg or Mn. The report of K. Sharrer (West Germany) pointed out the extreme importance for plant nutrition of B, Mn, Cu, Mo, Zn, Fe. Together with this, it was noted that the availability of TE to plants depends on pH and on the soil content of easily decomposing organic substances. According to the data of S. Gerike (Germany), in Germany the plants on the average consume 570 g Mn, 63 g B, 45 g Cu per hectare yearly. In the report of S. Trokme (France), the necessity of using TE even in the

Card : 2/3

-11-

Category: USSR/General Division. Congresses. Meetings. Conferences. A-4

Abs Jour: Referat Zh.-Biol., No. 6, 25 March 1957. 21352

absence of symptoms of plant diseases was noted. S. Schtalberg (Sweden) pointed out particularly that in ability to replace Mn TE are distributed in the following manner: Zn Cu Co Ni Ca. The fertilization of plants by S increases the assimilability of TE. The problem of TE participation in soil metabolism was discussed in the report of S. Antoniani (Italy); O.T. Retini spoke on boron fertilizers; on using TE in Rumanian conditions -- D. Davidesko, G. Pavlovski and K. Pintea; under Hungarian conditions -- A. Kuti; under Dutch conditions -- I. Lera. All these reports showed the necessity of further developing scientific-experimental investigation in TE and the application of the results of investigation to production, which was reflected in the resolutions passed by the congress.

Card : 3/3

-12-

Title: Soil Fertilizers.
 Author: ~~Ray, V. V.~~
 Date: 1954.
 Place: Division of Agriculture.
 Subject: Soil Fertilizers.
 Abstract: This report discusses the results of the soil fertility survey conducted in the State of Texas in 1953. The survey was conducted by the Texas Agricultural Experiment Station, and the results are presented in this report. The report is divided into two parts. The first part discusses the results of the survey, and the second part discusses the recommendations for soil fertility management. The results of the survey show that the soil fertility in Texas is generally low, and that the most common deficiencies are nitrogen, phosphorus, and potassium. The recommendations for soil fertility management are based on these results, and include the use of fertilizers, crop rotation, and other soil conservation practices.

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Abstract: dis ... of
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PRYVE, Ya.V., akademik.

Congress on minor elements. Nauka i zhizn' 23 no.8:55-56 Ag '56.
(MIRA 9:9)

1. Prezident Akademii nauk Latvyskoy SSR.
(Belgrade--Trace elements--Congresses) (Fertilizers and manures)

PEYVE, Ya.V., akademik.

At the International Congress on Trace elements in Belgrade.
Vest. AN SSSR 26 no.9:63-66 S '56. (MLRA 9:11)

1. Akademiya Nauk Latvyskoy SSR.
(Trace elements)

PEYVE, Ya.V.; IVANOVA, N.N.

Zinc content in the soils of the Latvian SSR. Dokl.AN SSSR 106 no.5:
911-913 P '56. (MLRA 9:7)

1.Chlen-korrespondent AN SSSR (for Peyve).2.Institut pochvevedeniya i
zemledeliya Akademii nauk LatvSSR.
(Latvia--Soil chemistry)

SHKOL'NIK, M.Ya.; MAKAROVA, N.A.; PEYVE, Ya.V., otvetstvennyy red.; VIKHREV,
S.D., red.izd-va; ZEMEL', R.Ye., tekhn.red.

[Microelements in agriculture] Mikroelementy v sel'skom khoziaistve.
Moskva, Izd-vo Akad.nauk SSSR, 1957. 290 p. (MIRA 11:2)

1. Chlen-korrespondent AN SSSR (for Peyve)
(Trace elements)